

Client's ref. :  
Our ref: 0711-8961USf/Yuchia/Kevin

### ABSTRACT OF THE DISCLOSURE

An apparatus for detecting an external optical disk drive's open/closed status. The apparatus includes an upper housing, a cover, a solenoid valve sub-assembly, a  
5 solenoid valve base, a solenoid valve, a hook device, a torsion spring, an elastic plate, a lower housing, and two wires. When the cover is closed, the convex portion located at the front edge of the cover presses on the torsion spring, and the torsion spring contacts the  
10 elastic plate, resulting in an electrically conductive state. When the cover is opened, the torsion spring is released, and the torsion spring disengages from the elastic plate, disconnecting the circuit.